

PDR RID Report

Date Last Modified 5/24/95

Originator Douglas Mach

Phone No 205-922-5830

Organization NASA/MSFC/ES-43

E Mail Address douglas.mach@msfc.nasa.gov

Document SDPS - Data Processing Subsystem

RID ID	PDR	414
Review	SDPS	
Originator Ref	LISDM001	
Priority	2	

Section 9.2.4.1.3

Page 9-68

Figure Table N/A

Category Name Design-Data Processing

Actionee HAIS

Sub Category

Subject Status of Suspended PGEs

Description of Problem or Suggestion:

Suspended PGEs take up storage space while they are on hold. If so, suspended jobs could take up enough storage resources to block other PGEs that are not suspended. Suspended PGEs may consume a significant amount of system resources and block the execution of other PGEs.

Originator's Recommendation

If a PGE remains suspended for any length of time (time to be defined), destage the data and release the PGE's reserved resources.

GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstein

HAIS Schedule 4/21/95

HAIS R. E. M. Shannon

HAIS Response Date 5/10/95

The suspension of the execution of a PGE is considered a short-term mechanism to allow the operations staff to intervene into the normal execution processing of a PGE.

This capability will give the operations staff the opportunity to react to resource and PGE execution fault problems. To monitor the suspension process, a timing mechanism may be used to alert the operations staff that a PGE has been suspended for some number of minutes.

The suspension of an executing PGE is a Release B capability. The analysis of this capability and of the level 4 requirements which are needed to support it is still ongoing. The RID raises a valid issue which we will consider as we finalize the Level 4 requirements for Release B.

Status **Closed**

Date Closed 5/24/95

Sponsor **Kempler**

***** Attachment if any *****